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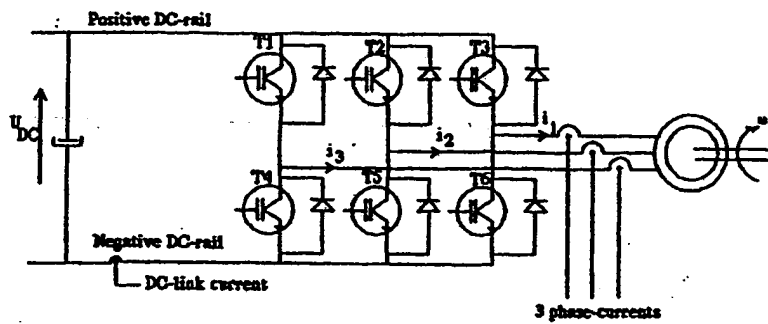


Fig. 1

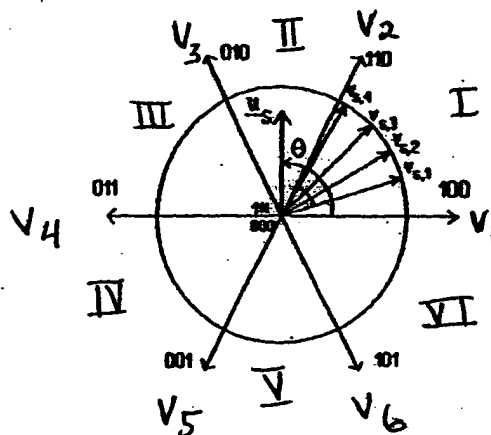


Fig. 2

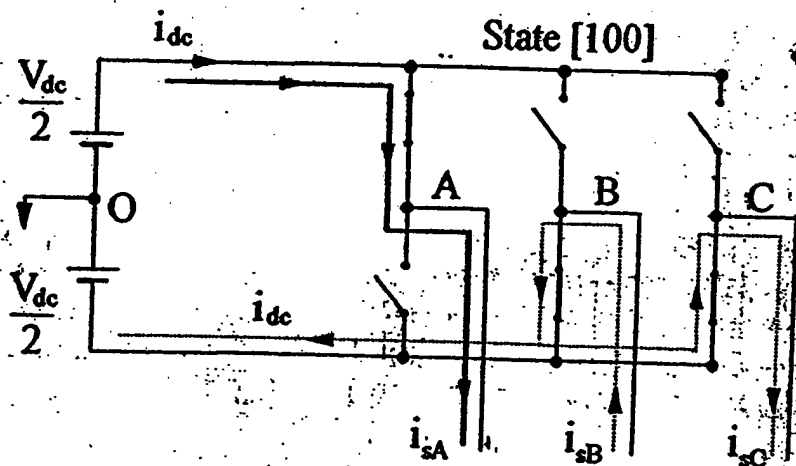


Fig. 3

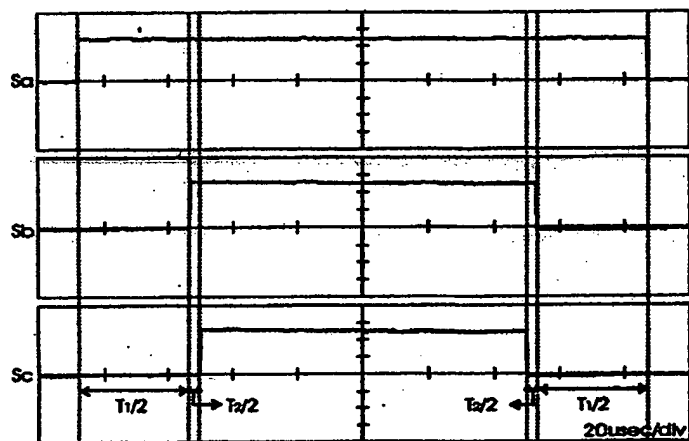
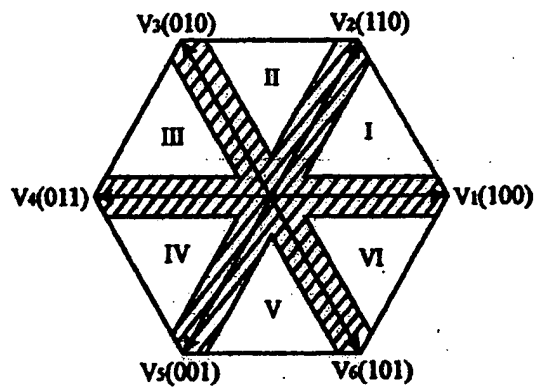


Fig. 4

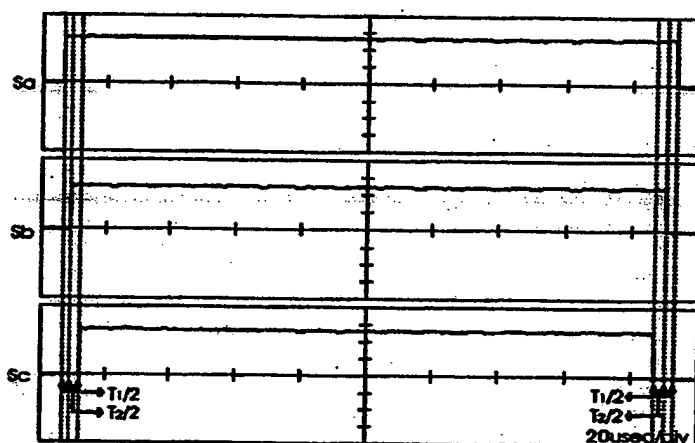
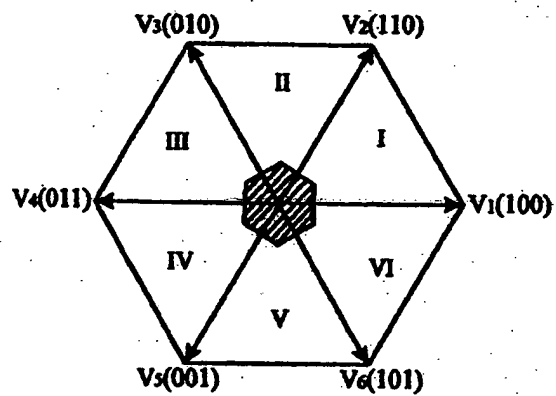
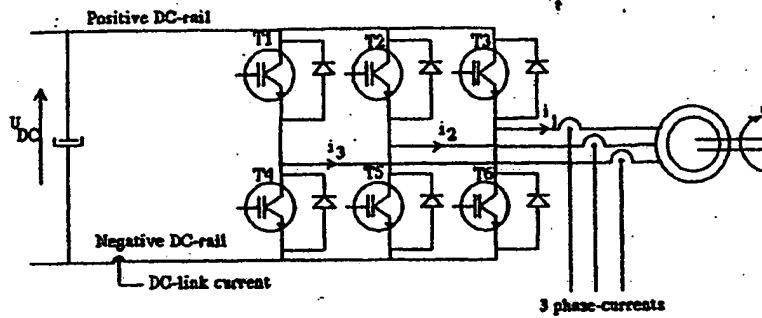


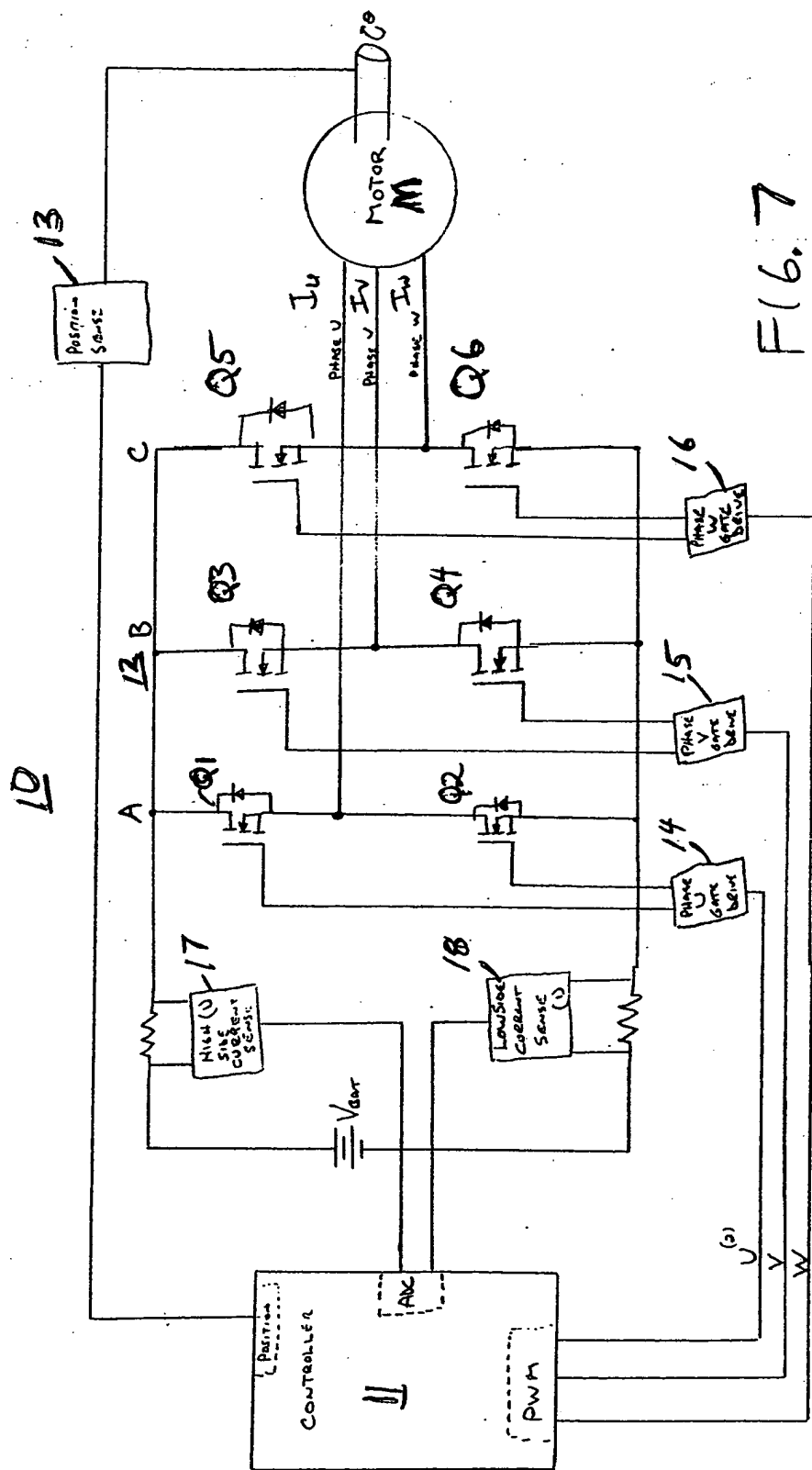
Fig. 5



Relationship between voltage vector, DC-link current and actual phase-current.

Voltage Vector	DC-link current i_{dc}
$u_F = (100)$	$+ i_1$
$u_F = (110)$	$- i_3$
$u_F = (010)$	$+ i_2$
$u_F = (011)$	$- i_1$
$u_F = (001)$	$+ i_3$
$u_F = (101)$	$- i_2$
$u_F = (000) = (111)$	0

Fig. 6



F16.7

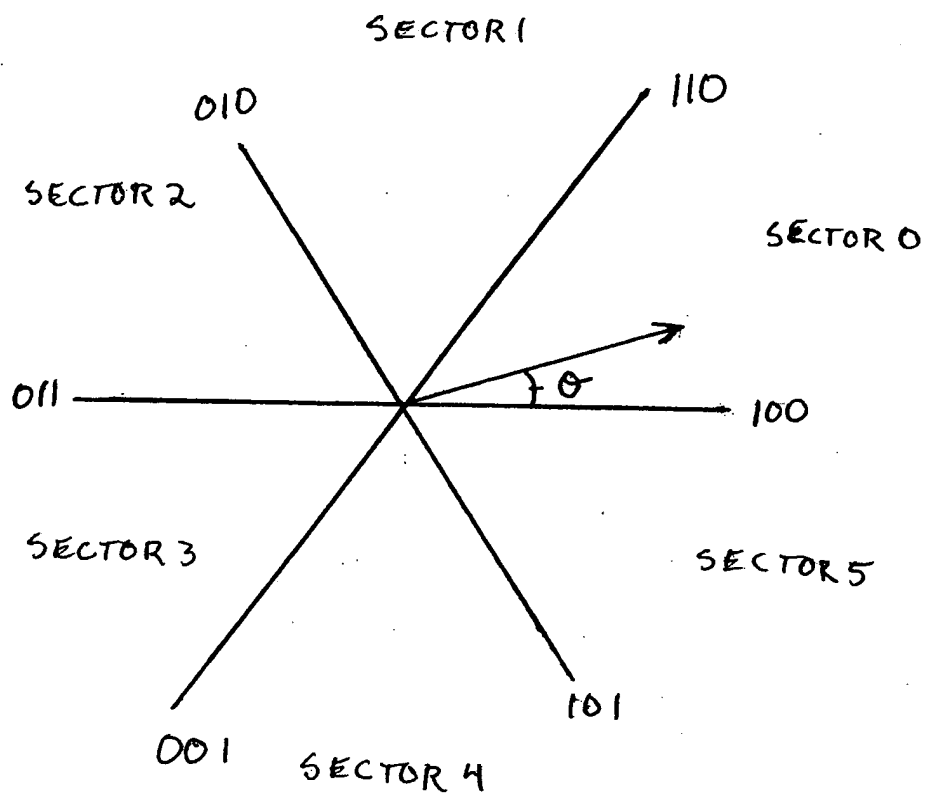


Fig. 8

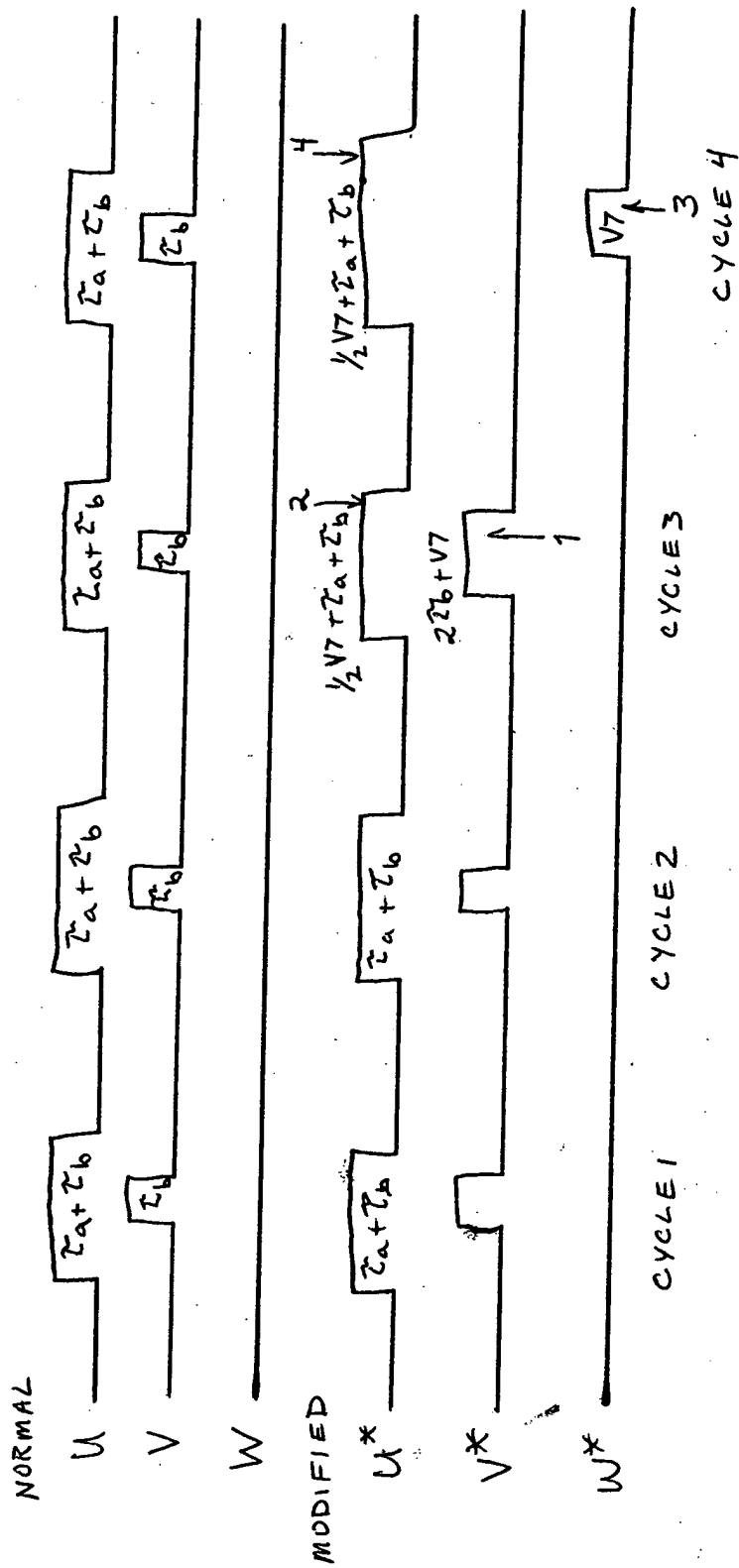


Fig. 9

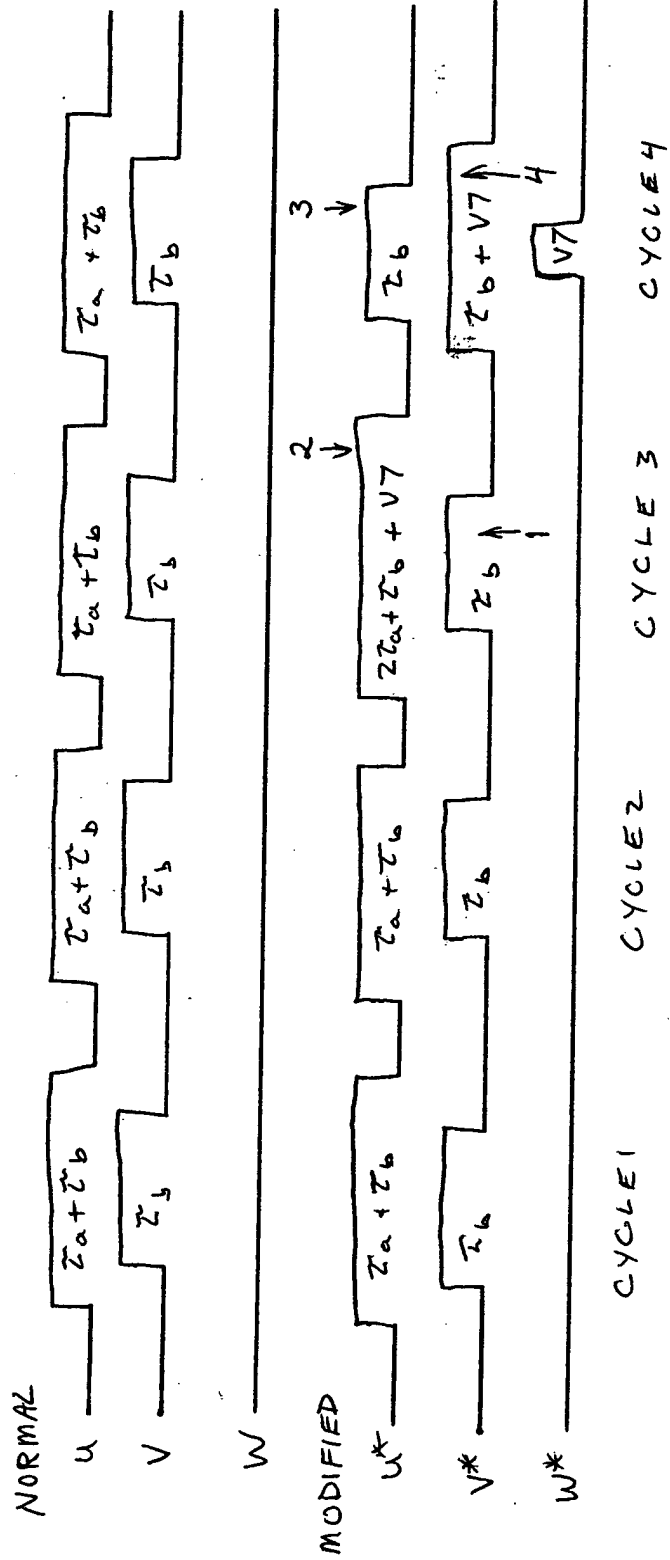
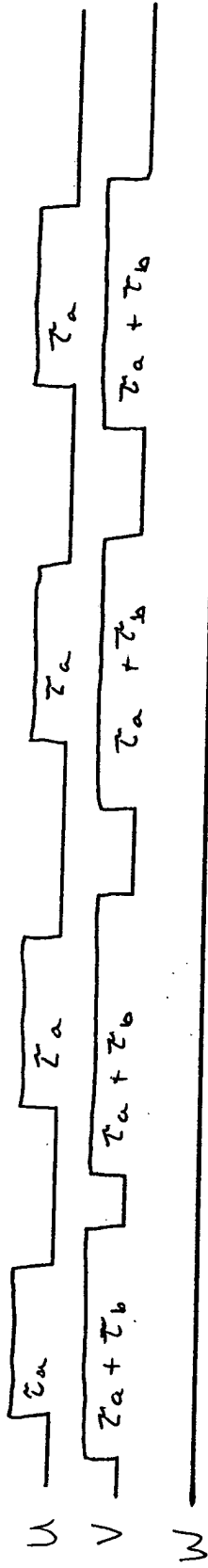


Fig. 10

NORMAL



MODIFIED

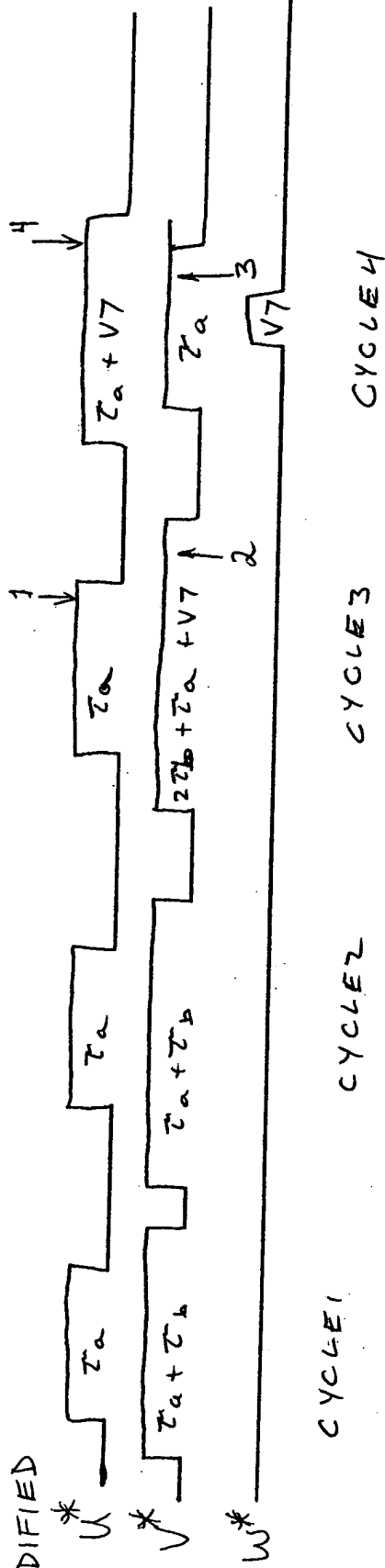
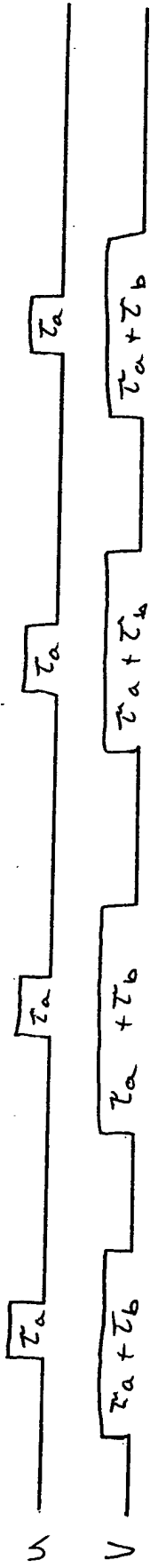


Fig. 11

NORMAL



MODIFIED

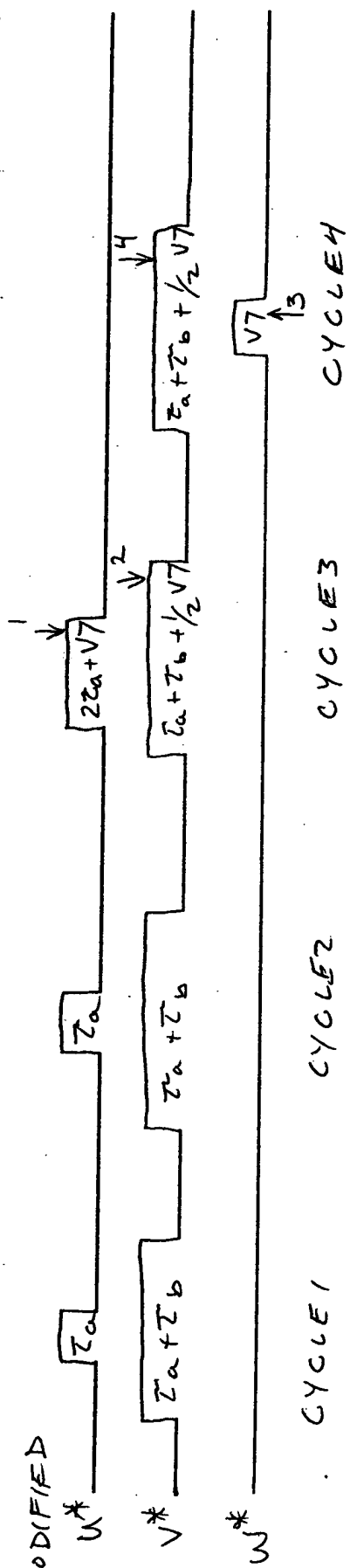


Fig. 12